BRUHATH BANGALORE MAHANAGARA PALIKE,
DASARAHALLI ZONE
Office of the Executive Engineer Dasarahalli Division

Schedule - B

BMP/2021-22/RD/WORK_INDENT50128

NAME OF WORK: Asphalting to main roads and cross roads in Abbigere, sapthagiri Layout and Surrounding areas, Ward No.12, Shettyhalli Sub Division, in Dasarahalli Zone

Sl. No	Description of work	Unit	Qty	Rate quoted by the contractor Sri ASWATHNARAYANA	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications.	Sqm	4803.00	102.00	Rupees One Hundred Two Only
2	Earthwork excavation by manual means in Ordenary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.	Cum	852.75	220.0	Rupees Two Hundred Twenty Only
3	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications.	Cum	211.65	1200.0	Rupees One Thousand Two Hundred Only
4	Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications	Cum	1424.62	100.0	Rupees One Hundred Only
5	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge	Sqm	108.00	2337.0	Rupees Two Thousand Three Hundred Thirty Seven Only

Signature of the Contractor,

Executive Engineer,
Dasarahalli Division.

Sl No	Description of work	Unit	Qty	Rate quoted by the c... Sri ASWATHNARA... In Figures (Rs.)	In Words
6	Providing and fixing RCC precast cover slab of 250mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge	Sqm	14.40	5418.0	Rupees Five Thousand Four Hundred Eighteen Only
7	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.	Sqm	6304.00	6.0	Rupees Six Only
8	Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	450.70	2200.0	Rupees Two Thousand Two Hundred Only
9	Providing and Laying Plain cement concrete M10 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications.	Cum	94.12	6000.0	Rupees Six Thousand Only
10	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum)	Cum	94.12	6500.0	Rupees Six Thousand Five Hundred Only

Signature of the Contractor.

Executive Engineer
Dasarahalli Division

Sl. No.	Description of work	Unit	Qty	Rate quoted by the contractor Sri ASWATHNARAYANA	
				In Figures (Rs.)	In Words (Rs.)
11	Providing and applying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of .60kg /sqm using mechanial means complete as per Specifications.	Sqm	5676.50	33.0	Rupees Thirty Three Only
12	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix towork site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision - do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cum	283.83	8750.0	Rupees Eight Thousand Seven Hundred Fifty Only
13	Providing and applying tack coat on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	5676.50	12.0	Rupees Twelve Only
14	Providing and laying Bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 508 complete in all respects complete as per specifications. - using 40-60 TPH capacity HMP with mechanical Paver, Gr-II (30-45mm) with 5.4 % of modified bitumen binder consisting of 4.97% VG- 30 bitumen (60/70 grade) 0.43% Plastomeric Thermoplastics (Waste plastic Additive)	Cum	170.30	9972.0	Rupees Nine Thousand Nine Hundred Seventy Two Only
15	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sqm	252.00	454.0	Rupees Four Hundred Fifty Four Only

Signature of the Contractor,

Executive Engineer,
Dasarahalli Division

Sl. No	Description of work	Unit	Qty	Rate quoted by the contractor Sri ASWATHNARA...	
				In Figures (Rs.)	In Words (Rs.)
16	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications	Cum	79.38	439.0	Rupees Four Hundred Thirty Nine Only
17	Providing and Laying Plain cement concrete M10 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications	Cum	13.23	5906.0	Rupees Five Thousand Nine Hundred Six Only
18	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	48.51	4872.0	Rupees Four Thousand Eight Hundred Seventy Two Only
19	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	19.85	5812.0	Rupees Five Thousand Eight Hundred Twelve Only
20	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	5.51	6307.0	Rupees Six Thousand Three Hundred Seven Only
21	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications	Sqm	88.20	149.0	Rupees One Hundred Forty Nine Only

Signature of the Contractor,

Executive Engineer,
Dasarahalli Division

Sl. No	Description of work	Unit	Qty	Rate quoted by the contractor Sri ASWATHNARAYANA	
				In Figures (Rs.)	In Words (Rs.)
22	Providing and constructing load bearing wall with 400x150x200mm solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. Size 400X150X200	Sqm	154.43	1200.0	Rupees One Thousand Two Hundred Only
23	Providing 15mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	308.85	234.0	Rupees Two Hundred Thirty Four Only
24	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.	Sqm	308.85	116.0	Rupees One Hundred Sixteen Only

Signature of the Contractor

Executive Engineer,
Dasarahalli Division,